

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039237.D
 Acq On : 21 Jan 2019 17:20
 Operator : JU/SJ
 Sample : K1205-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.088	335	340	348	rVB	15651	24321	1.83%	0.368%
2	5.564	413	421	434	rBV	255599	437055	32.94%	6.616%
3	7.168	686	694	704	rBV	290896	508831	38.35%	7.702%
4	7.538	750	757	768	rBB	265454	461834	34.81%	6.991%
5	8.008	831	837	845	rBV	50210	85420	6.44%	1.293%
6	8.326	884	891	901	rBB	195491	350086	26.39%	5.299%
7	9.184	1030	1037	1048	rBV	162008	298675	22.51%	4.521%
8	10.823	1309	1316	1326	rBV	63833	117033	8.82%	1.772%
9	13.267	1725	1732	1742	rBV	508672	786698	59.30%	11.908%
10	14.095	1866	1873	1879	rBV	27275	39561	2.98%	0.599%
11	14.648	1960	1967	1977	rBB2	115793	193572	14.59%	2.930%
12	16.140	2215	2221	2230	rBV2	491221	728992	54.95%	11.035%
13	17.397	2429	2435	2445	rBV2	173361	258819	19.51%	3.918%
14	18.261	2577	2582	2590	rBV2	17388	25988	1.96%	0.393%
15	20.000	2872	2878	2884	rBV	1032513	1326743	100.00%	20.083%
16	21.264	3089	3093	3109	rBV	66683	111187	8.38%	1.683%
17	21.669	3155	3162	3172	rBV2	176308	292418	22.04%	4.426%
18	21.804	3179	3185	3191	rVB2	16356	24576	1.85%	0.372%
19	22.409	3283	3288	3294	rBV2	17506	29645	2.23%	0.449%
20	23.103	3396	3406	3417	rBV3	34496	75332	5.68%	1.140%
21	23.896	3533	3541	3549	rBB2	21300	45251	3.41%	0.685%
22	24.836	3693	3701	3707	rBV2	15353	38033	2.87%	0.576%
23	24.930	3707	3717	3729	rVB	104059	296718	22.36%	4.491%
24	25.958	3882	3892	3903	rBV3	11252	35334	2.66%	0.535%
25	27.309	4117	4122	4131	rVB6	4999	14106	1.06%	0.214%

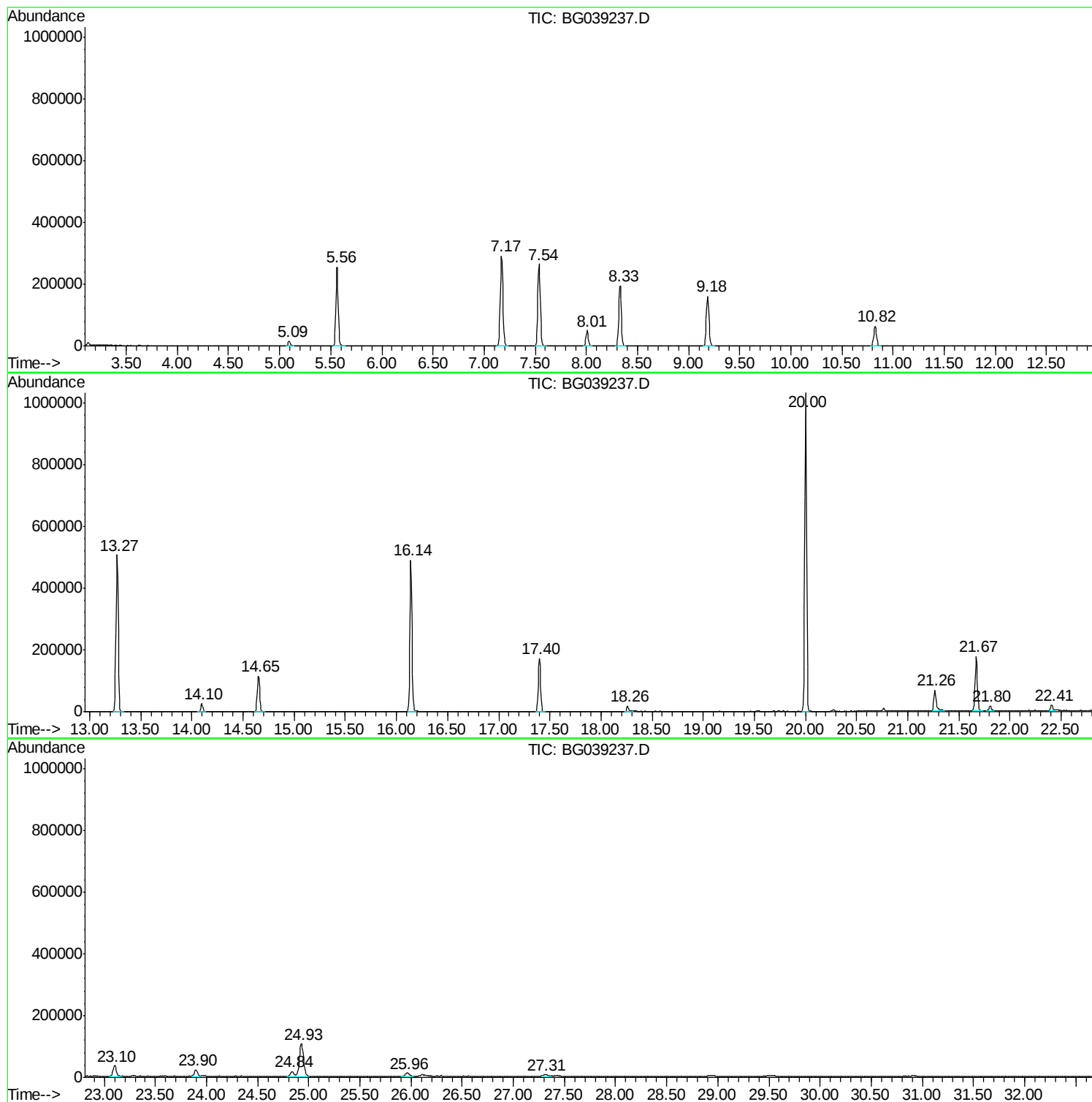
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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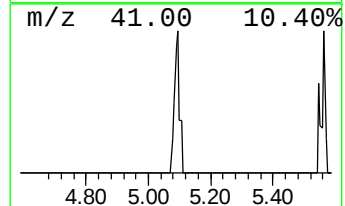
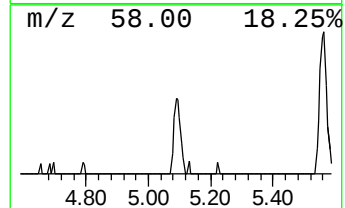
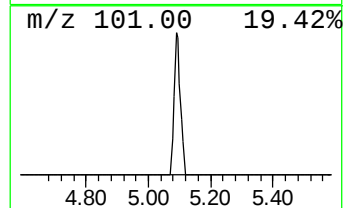
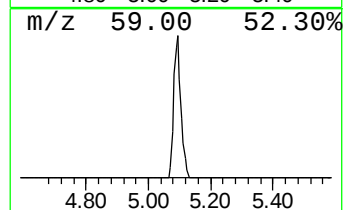
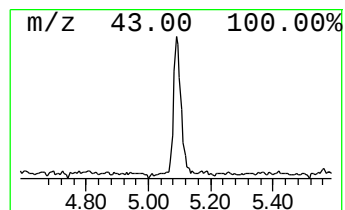
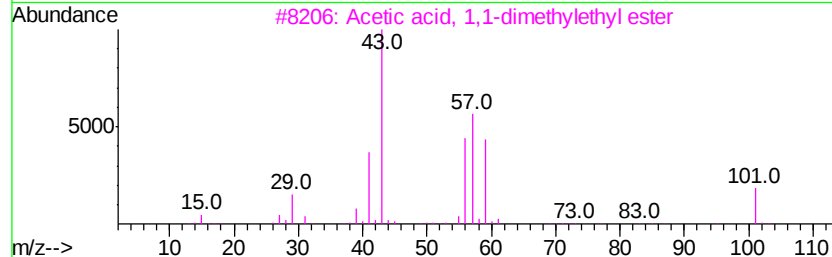
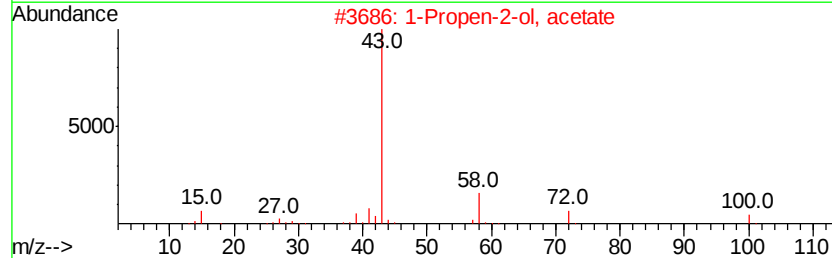
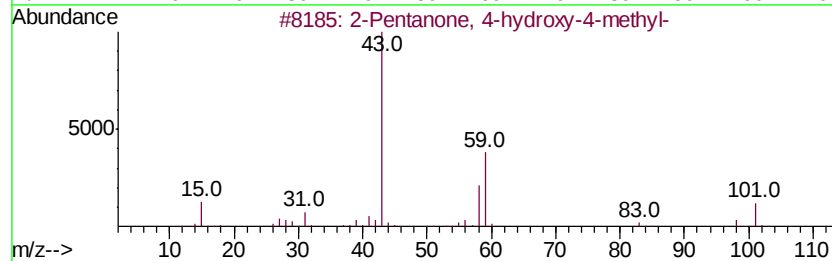
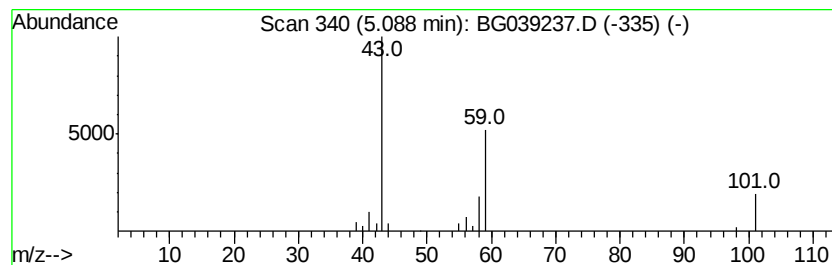
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.69 ng	24321	1,4-Dichlorobenzene-d4	8.01

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
5		Butane	58	C4H10	000106-97-8	7



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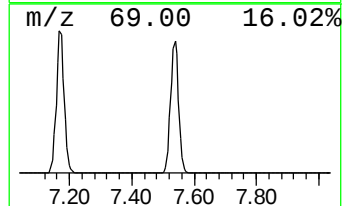
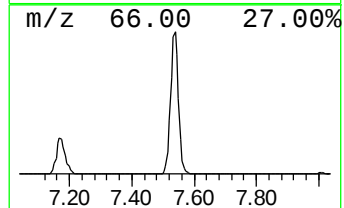
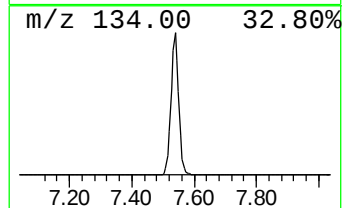
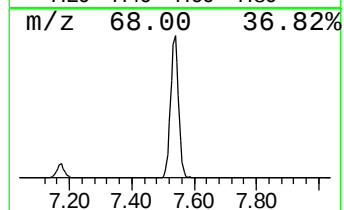
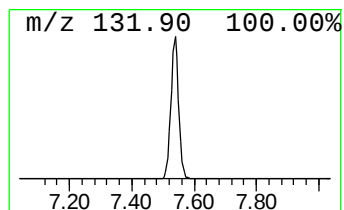
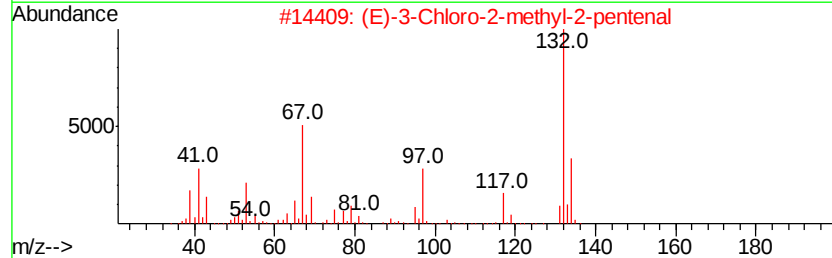
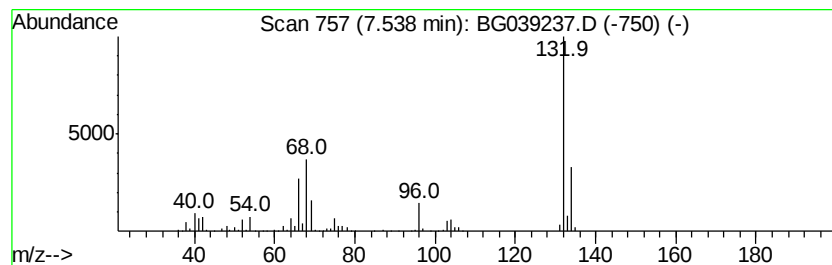
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	108.13 ng	461834	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		N-(3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10



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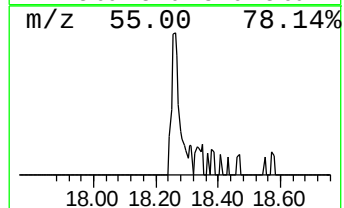
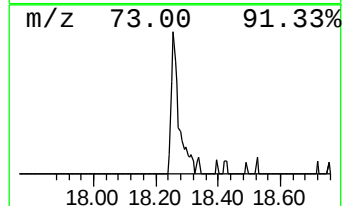
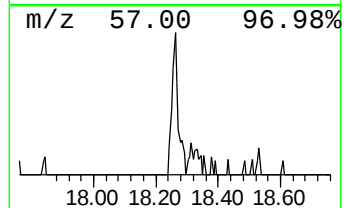
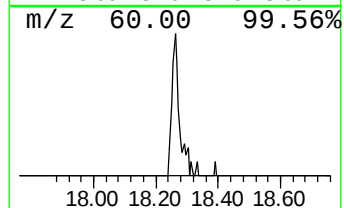
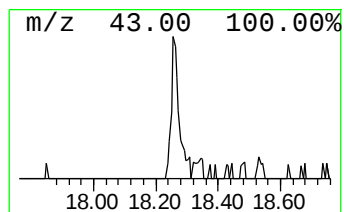
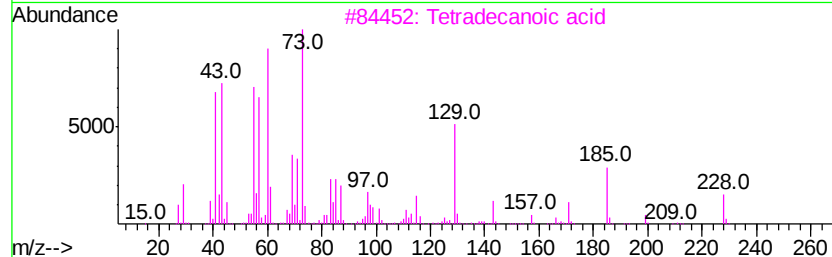
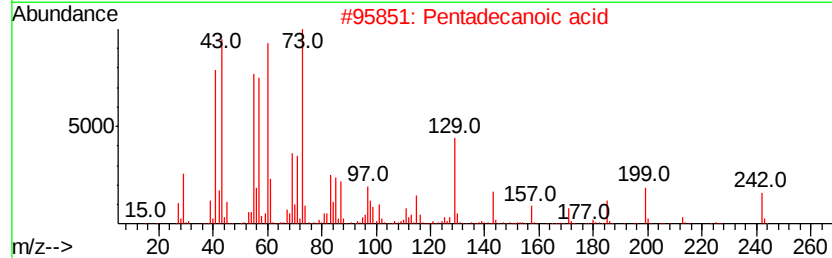
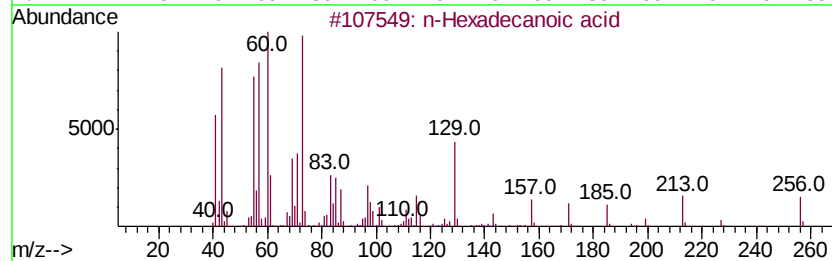
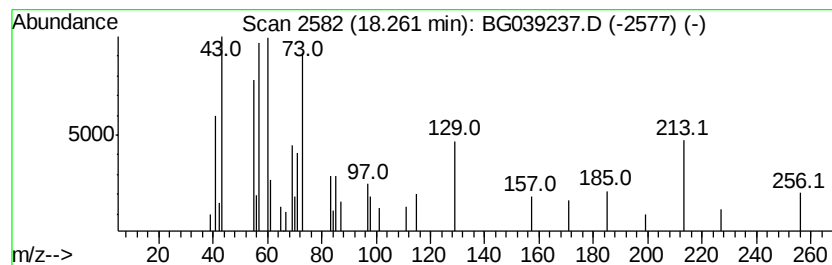
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.01 ng	25988	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47



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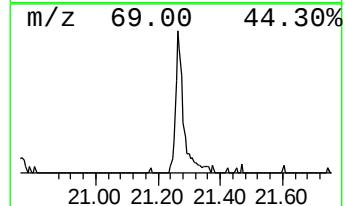
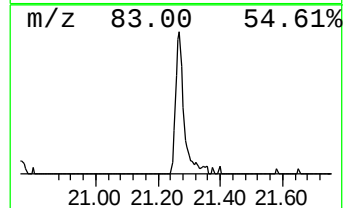
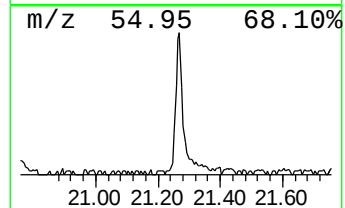
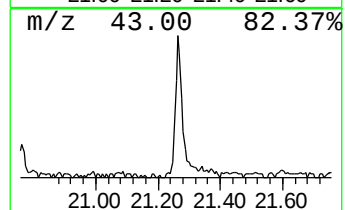
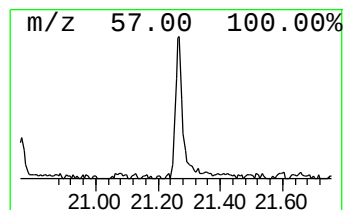
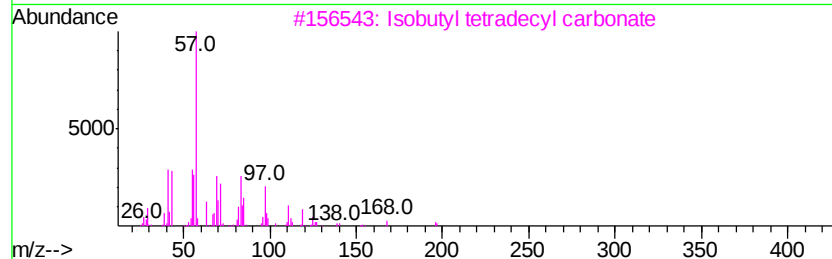
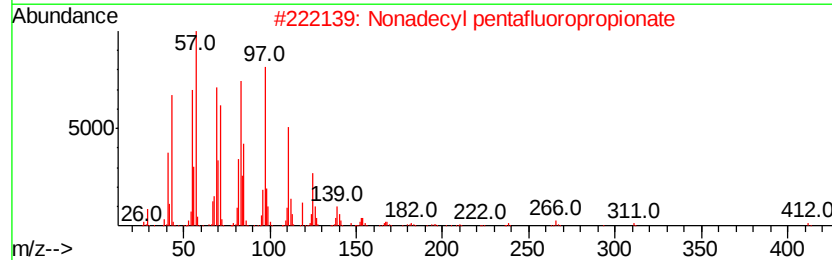
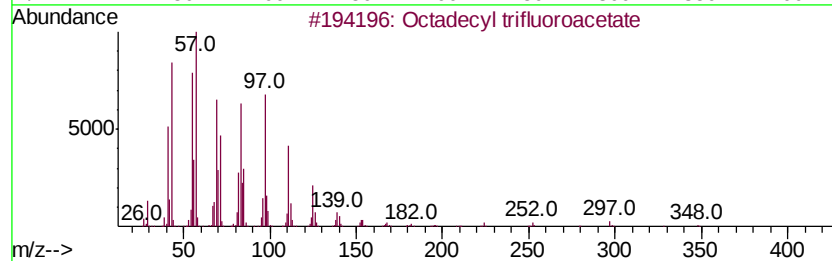
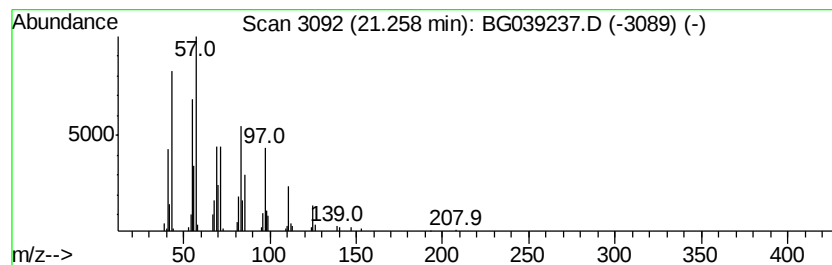
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Peak Number 5 Octadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	7.60 ng	111187	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
4		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
5		Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91



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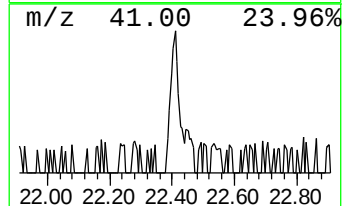
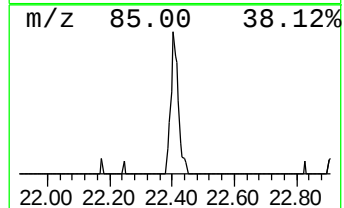
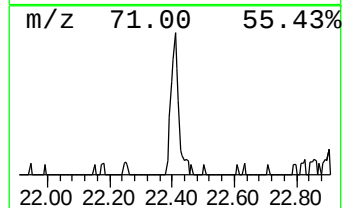
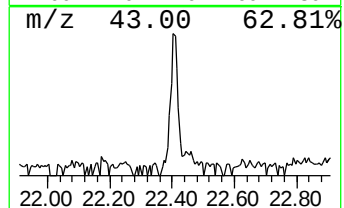
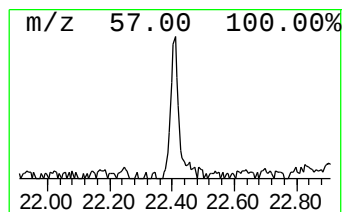
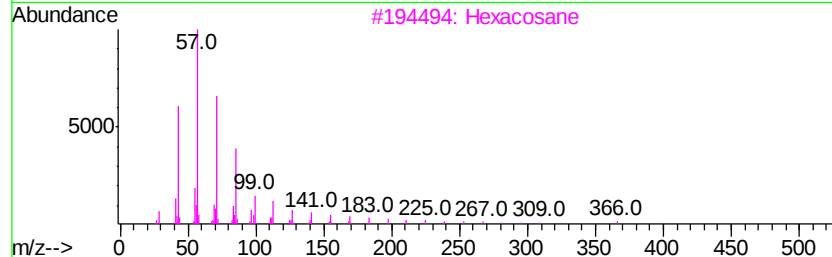
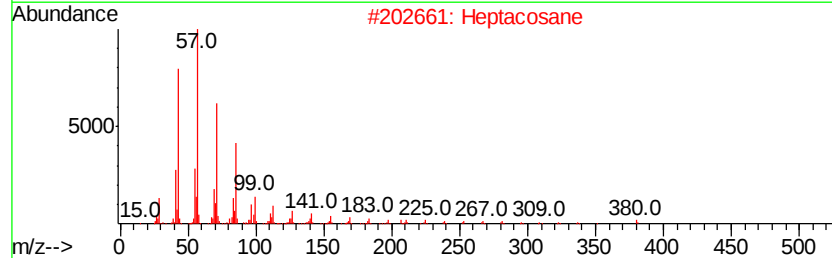
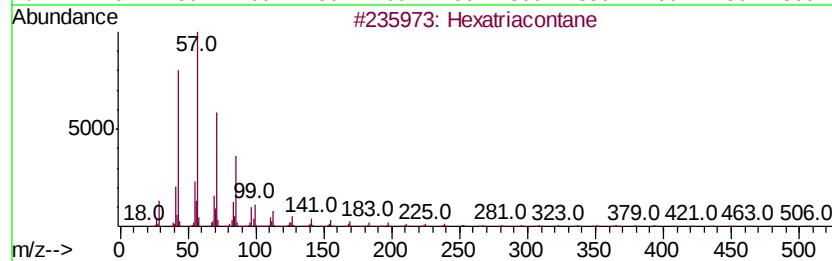
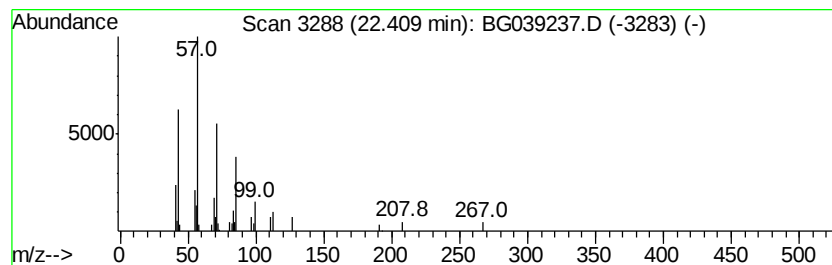
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Peak Number 6 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	2.03 ng	29645	Chrysene-d12	21.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane		507	C36H74	000630-06-8	87
2	Heptacosane		380	C27H56	000593-49-7	87
3	Hexacosane		366	C26H54	000630-01-3	87
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	86
5	Pentacosane		352	C25H52	000629-99-2	86



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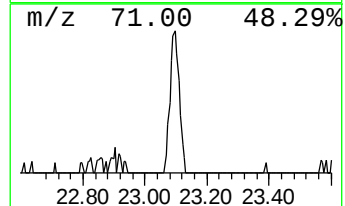
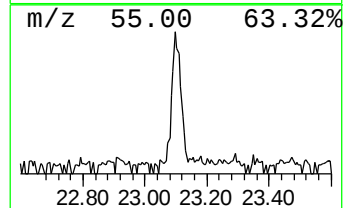
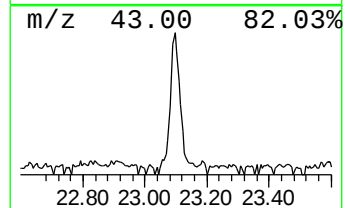
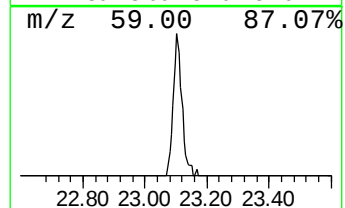
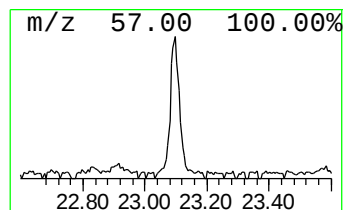
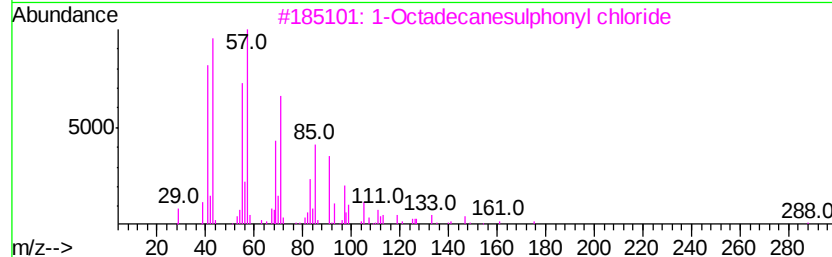
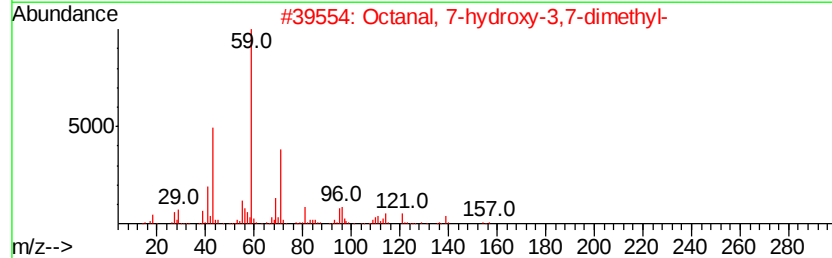
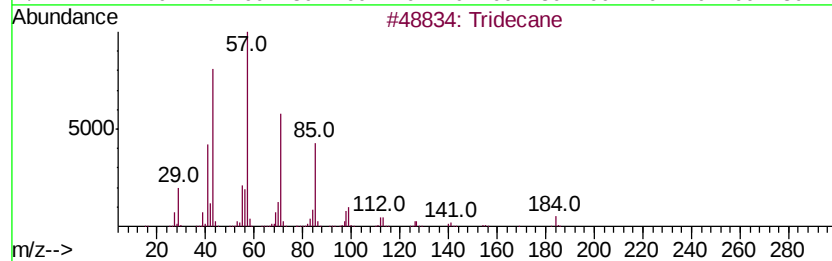
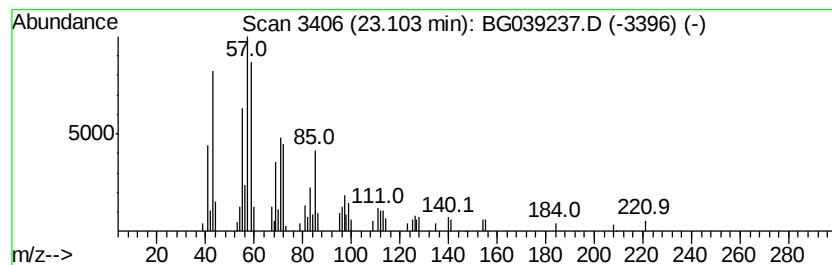
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	5.15 ng	75332	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	80
2		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	43
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	38
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039237.D
Acq On : 21 Jan 2019 17:20
Operator : JU/SJ
Sample : K1205-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-2

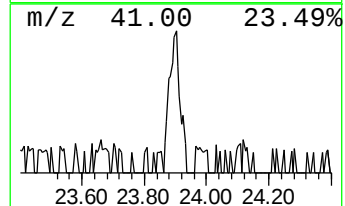
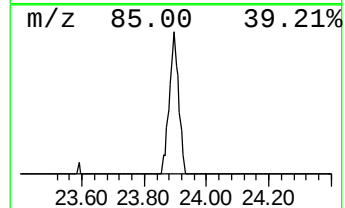
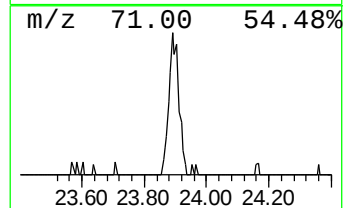
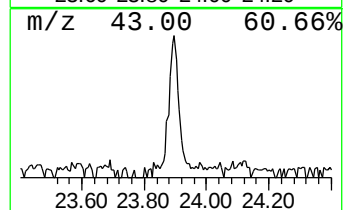
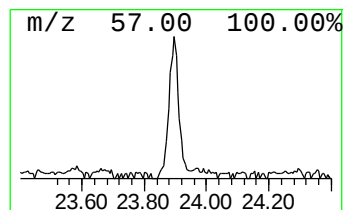
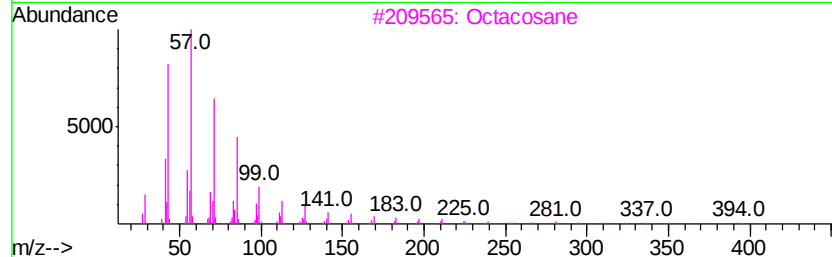
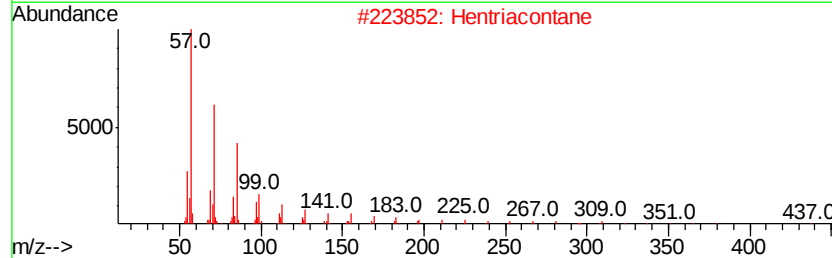
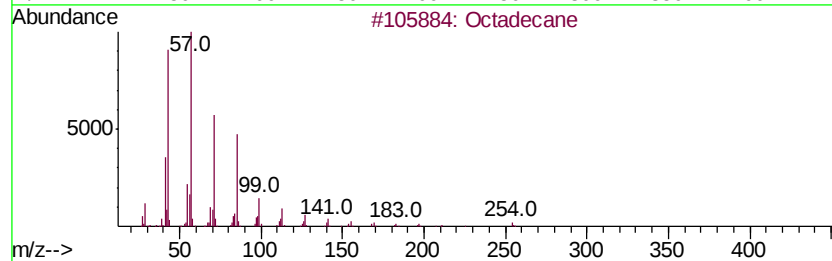
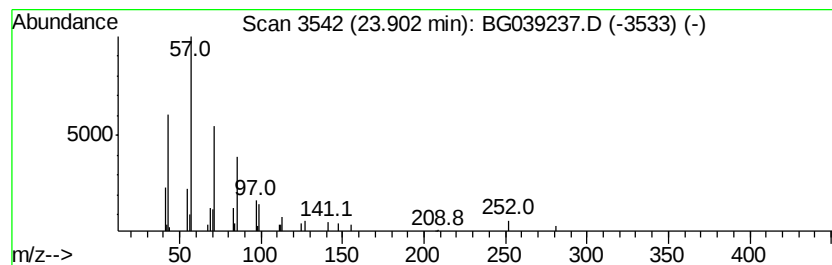
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	3.05 ng	45251	Perylene-d12	24.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	80
2	Hentriacontane		437	C31H64	000630-04-6	76
3	Octacosane		394	C28H58	000630-02-4	74
4	2-methyloctacosane		408	C29H60	1000376-72-8	72
5	Sulfurous acid, butyl octadecyl ...		390	C22H46O3S	1000309-18-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039237.D
Acq On : 21 Jan 2019 17:20
Operator : JU/SJ
Sample : K1205-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-2

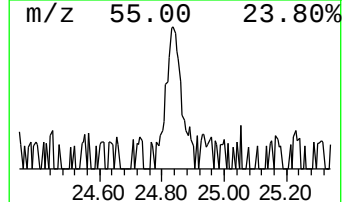
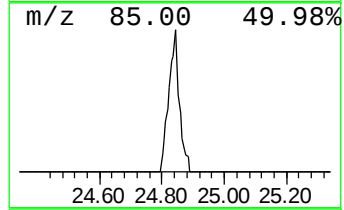
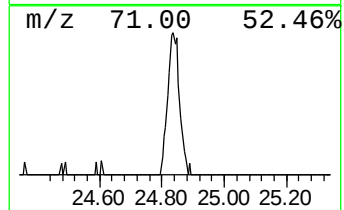
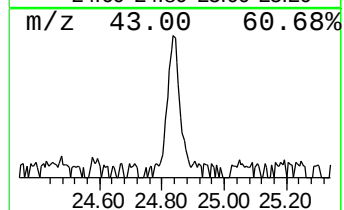
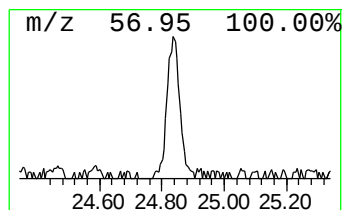
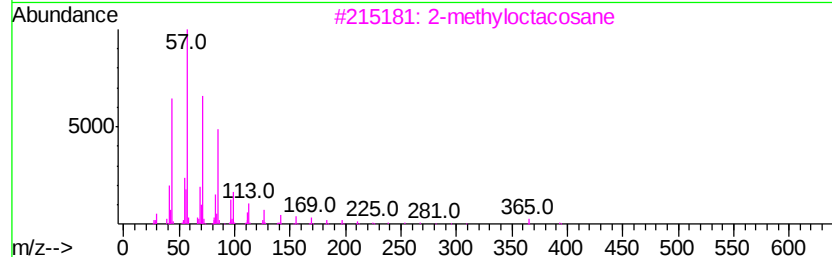
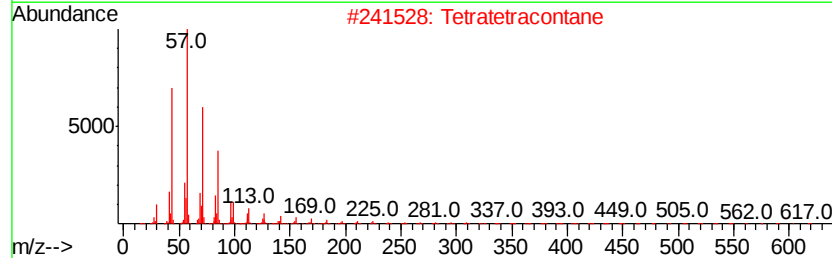
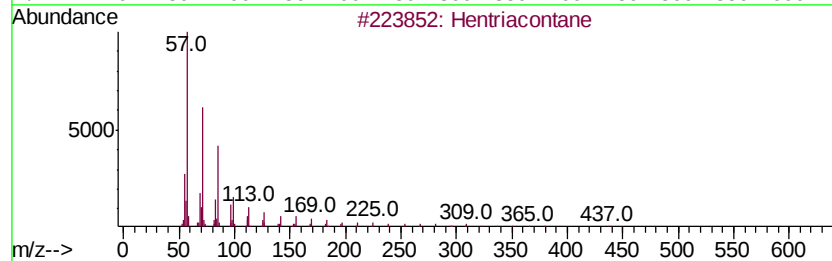
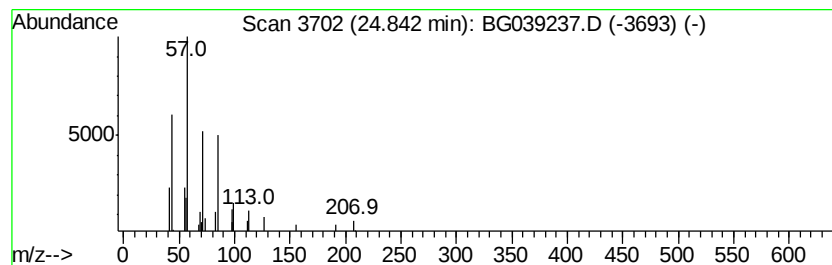
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.84	2.56 ng	38033	Perylene-d12	24.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Hexacosane		366	C26H54	000630-01-3	87
5	Pentacosane		352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039237.D
Acq On : 21 Jan 2019 17:20
Operator : JU/SJ
Sample : K1205-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-2

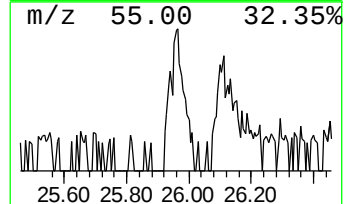
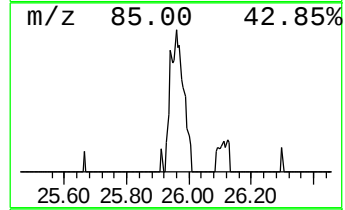
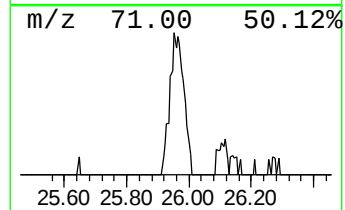
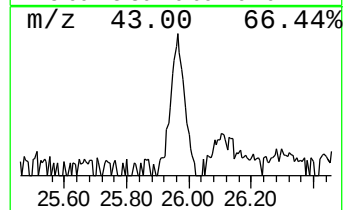
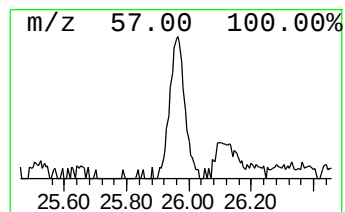
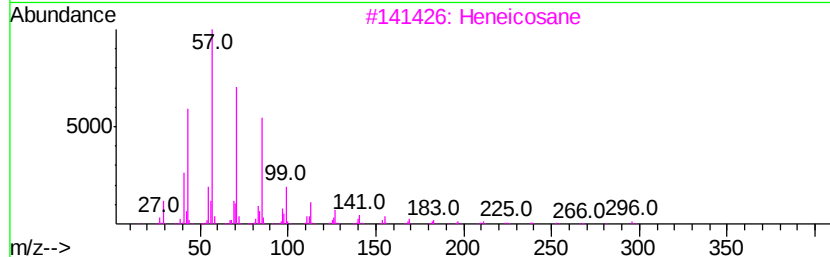
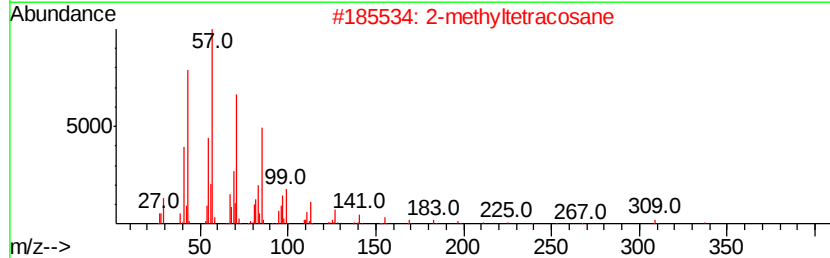
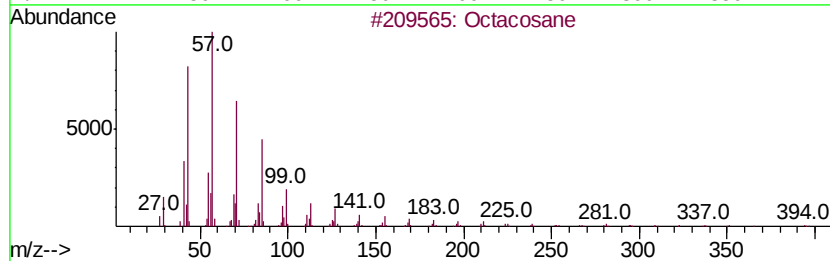
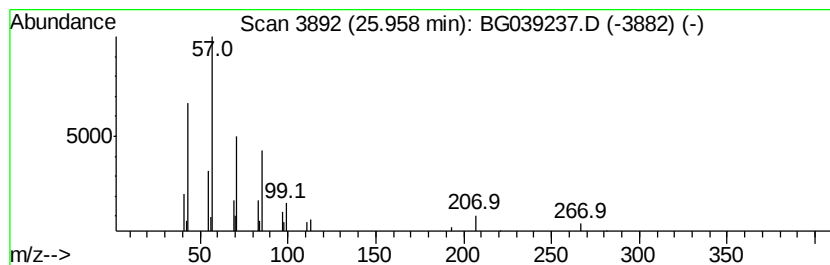
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.96	2.38 ng	35334	Perylene-d12	24.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	80
2		2-methyltetracosane	352	C25H52	1000376-72-6	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Hentriacontane	437	C31H64	000630-04-6	72
5		10-Methylnonadecane	282	C20H42	056862-62-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012119\
Data File : BG039237.D
Acq On : 21 Jan 2019 17:20
Operator : JU/SJ
Sample : K1205-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.54	7.54	108.1	ng	461834	1	8.01	85420	20.0
n-Hexadecanoic acid	18.26	2.0	ng	25988	4	17.40	258819	20.0
Octadecyl trifluo...	21.26	7.6	ng	111187	5	21.67	292418	20.0
Hexatriacontane	22.41	2.0	ng	29645	5	21.67	292418	20.0
Tridecane	23.10	5.2	ng	75332	5	21.67	292418	20.0
Octadecane	23.90	3.0	ng	45251	6	24.92	296718	20.0
Hentriacontane	24.84	2.6	ng	38033	6	24.92	296718	20.0
Octacosane	25.96	2.4	ng	35334	6	24.92	296718	20.0